Socioeconomic Differences in the Distribution by Age of Public Transfers in Mexico

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Consejo Nacional de Población, México

EPC 2012: 13-16 June Stockholm, Sweden

ABSTRACT

This paper reports the study of public transfers in terms of their distribution by age and the number of years of education of the household head. The educational level is used as a reference variable to define socioeconomic status, due to the correlation of this variable with the general socioeconomic status of households, as documented extensively in the past (Szekely, 1999). The study of public transfers by socioeconomic level is relevant because, on the one hand, taxes have effects on the purchasing power of families and, on the other hand, in-kind transfers contribute to ease the burden on the cost of important services, such as education and health. Additionally, monetary transfers serve as a support mechanism to mitigate the effects of extreme poverty and lack of opportunities for specific population groups. Two years of study are reported in this paper to evaluate policy changes taken by the Mexican Government within a period of ten years.

1. INTRODUCTION

The evidence (López-Calva and Lustig, 2010) suggests that inequality in Latin America has been declining in recent times, including Mexico. We explore the topic of inequality in terms of the age distribution of net public transfers in Mexico. What is the evidence about the intergenerational distribution of resources by age subgroups, defined in socioeconomic terms?

Table 1 uses deciles of monetary income as a stratification criterion. We see differences in concentration between the extremes of income distribution and changes between 1994 and 2004.

Factors that may contribute to the emerging of a middle class in Mexico:
1. Reduction in fertility rates and demographic dividend
2. Macroeconomic stability
3. Trade and economic liberalization (NAFTA)
4. Expansion of educational and health services, and implementation of public programs to alleviate poverty

Indicators (De la Calle and Rubio, 2011):
- Increase in female labor force participation (35% in 1991 vs. 44% in 2008),
- Per capita consumption of meet (in kg): 1990 vs. 2008,
- Increase in household tenure (owned): 64% in 1990 vs. 79% in 2000,
- Automobiles (per 100 vs. 19.3 in 2008).

2. METHODS

- Socioeconomic status (SES). KEY variable: level of education of the household head.
- Consumption deciles. KEY variable: private consumption as defined in the National Transfer Accounts (NTA) project.

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Level of education</th>
<th>Years of instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>None, Kindergarten or incomplete primary</td>
<td>0-6</td>
</tr>
<tr>
<td>II</td>
<td>Primary or incomplete lower secondary</td>
<td>6-9</td>
</tr>
<tr>
<td>III</td>
<td>Lower secondary or incomplete upper secondary</td>
<td>9-16</td>
</tr>
<tr>
<td>IV</td>
<td>Undergraduate, Master or PhD</td>
<td>16 and more</td>
</tr>
</tbody>
</table>

- Age profiles: we apply the NTA approach. We use information from the Income and Expenditure Survey in Mexico (ENIGH) and the System of National Accounts of Mexico (SNA).
- Structure of the public transfers in Mexico
  - Inflows:
    - In-kind: education, health, and other.
    - Cash: Progressa/Opportunidades, PROCAMPO, other.
  - Outflows:
    - Taxes: income, VAT, excise taxes, and other,
    - Social security contributions.

3. RESULTS

Figure 1. Age Distribution of Net public transfers by (a) SES, and (b) consumption quintiles

Figure 2. Incidence of taxes by age and consumption quintiles: 1994 vs. 2004

CONCLUSIONS

- Middle class has been increased in recent times, according to many indicators.
- BUT, inequality is still persistent, though declining slowly.
- It seems that the new strategy against poverty has benefitted economic dependent groups mostly: children and elderly
- There is evidence about “progressivity” in the tax policy, but “regressivity” in the transfer benefits.
- Public cash transfer programs and in-kind transfers have benefitted mostly to depended groups.

REFERENCES

- De la Calle, and Rubio (2010). Clasemidero: pobre no más, desarrollado aún no [The one in the middle class: Poor no more, developed not yet], Mexico, CIDAC.

CONTACT

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